

## **MINE INSPECTION REPORTS Q3 2011**

### **AIR QUALITY #1 MINE SOUTH PORTAL PREP PLANT**

Inspection date: 07/05/2011 1<sup>st</sup> shift

Areas Inspected: Preparation plant, raw coal belt, raw coal tunnel, clean coal belt, load out belt, load out tunnel, shop area, head houses, raw coal stacker belt, refuse belt, and load out tunnel.

Findings/Law violated:

1. Raw coal tunnel coal fines at @2 feeder need cleaned. 30cfr77.202
2. Area around magnet at mouth of raw coal tunnel needs cleaned. 30cfr77.200
3. Acetylene tank in hoist well cage at prep plant was not secured during transportation and storage. 30cfr77.208
4. Hoist well at prep plant was not blocked off as material was moved and motion of travel was initiated. 30cfr77.400 (a)
5. Jog switch at mouth of load out tunnel needs ID. 30cfr77.507
6. Heater breaker at head of load out belt top deck needs ID. 30cfr77.507
7. All belt structures need checked and debris removed. 30cfr77.200

Corrective action taken: All citations were noted by management and corrective action was taken.

Recommendations: Feeder switches in both the raw coal tunnel and the load out tunnel have new ID tags put on them, the old ones are hard to decipher.

### **CARLISLE MINE, SUNRISE COAL COMPANY**

Inspection date: 07/20/2011 1<sup>st</sup> Shift

Areas Inspected: Slope belt head area, #303 belt, #304 belt, raw coal stacker belt, raw coal tunnel, train/truck load out belt and tunnel, shop area, plant feed belt, rotary breaker belt, and preparation plant.

Findings/Law Violated:

1. Oxygen tanks in storage area by shop were not secured. 30cfr77.208 (d)
2. Slope belt structure at head of belt needs debris removed. 30cfr77.202
3. Head of # 303 debris on belt structure needs removed. 30cfr77.202
4. Raw coal stacker belt structure needs cleaned. 30cfr77.202
5. Area around and under plant feed belt needs cleaned. 30cfr77.202
6. # 873 Bobcat needs safety brake repaired to prevent movement when safety bar is in the lock position, and the right tail light needs replaced. 30cfr77.404 (a)

Corrective action taken:

1. Oxygen tanks were secured.
2. #873 Bobcat was taken out of service.
3. All other citations were noted by management and were being corrected.

## **FRANCISCO MINE, BLACK BEAUTY COAL COMPANY**

Inspection date: 08/10/2011 1<sup>st</sup> shift

Areas Inspected: Secondary escape way from bottom to Unit #2, Unit #2, Primary escape way from Unit #2 to bottom, and slope belt.

### Findings/Law Violated:

1. Unit #2 in #1 entry needed rock dusting, there was no rock dust for 80 feet. 30cfr75.402
2. There was no visible flagging in the unbolted cut of entry #2. 30cfr75.211 ©
3. In the second southwest primary escapeway from #95 crosscut to #80 crosscut the lifeline had been knocked down by some rock and need rehung. 30cfr75.380 (7 iv)
4. At crosscut #49 in the second southwest primary escape way added roof support needs to be set by hanging bolt in the crosscut leading to the man door area. Area was flagged. 30cfr75.211 ©

### Corrective action taken:

1. Entry #1 was rock dusted.
2. Visible flagging was hung in entry #2
3. The citations for the 2<sup>nd</sup> SW primary were noted by management and corrective action was initiated.

Recommendations: Extinguishers be hung on ribs out by the section transformers and not put on the transformer.

## **FREELANDVILLE EAST MINE, TRIAD COAL COMPANY**

Inspection date: 07/25/2011 1<sup>st</sup> shift

Areas Inspected: Preparation plants #1 and #2, Raw coal belts #1 and #2, Pant feed belts #1 and #2, surface equipment, shop area, and mobile stacker belts.

### Findings/Law Violated:

1. #241 end loader needs center section washed. 30cfr77.404 (a)
2. # 988B end loader needs engine compartment and center section cleaned. 30cfr77.404 (a)
3. Portable welder has oxygen/ acetylene tank gauges that need cleaned or replaced so gauge can be read. 30cfr77.200
4. Compressed gas cylinder on 6<sup>th</sup> floor of #1 plant needs secured. 30cfr77.208(d)
5. Compressed oxygen cylinder in full tank storage had no cap. 30cfr77.208 (e)
6. Guard on motor at head of raw coal #1 belt needs secured. 30cfr77.400
7. Head of area of #1 plant feed belt needs walkway cleared of debris. 30cfr77.205 (b)
8. Head area of #1 plant feed belt needs cleaned. 30cfr77.202
9. Construction area at thickening tank needs electrical cords, welding leads and torches removed from wet areas and organized. 30cfr77.200

### Corrective action taken:

1. #241 and # 988B end loaders were being cleaned.
2. Cap was put on oxygen cylinder in storage area.
3. Gauges on oxygen/acetylene hoses were cleaned or replaced.
4. Guard at head of #1 raw coal belt was secured.
5. All other citations were noted by management and corrective action was initiated.

Inspection date: 08/09/2011

Areas Inspected: Secondary escape way from bottom to Unit #1, Unit #1, and Primary escape way from Unit #1 to bottom.

Findings/Law Violated:

1. At #12 crosscut in the primary escape way out by unit #1 Hi-Line cable needs guarded where evidence of travel under hi-line, tire tracks and footprints were observed. 30cfr75.807
2. Out by Unit #1 at #1 crosscut hi-line needs hung and guarded where it has been knocked down by a rock. 30cfr75.807
3. Between crosscut # 66 and #67 added roof support is needed in the primary escape way. One bolt needs replaced or supported. Bolt has is not bearing any weight. 30cfr75.211 ©
4. Between #48 and # 47 crosscut added roof support is needed in the primary escape way. One bolt needs replaced or supported. Bolt is not bearing any weight. 30cfr75.211©
5. In the main west primary from # 19 crosscut to # 25 crosscut primary escape way needs rock dusted. 30cfr75.403

Corrective action taken:

Management was made aware of all citations and corrective action was initiated. Unit #1 was wet but in good condition.

**GIBSON MINE, GIBSON COAL COMPANY**

Inspection date: 07/14/2011 1<sup>st</sup> shift

Areas Inspected: 101 belt, 102 belt, raw coal belt, raw coal tunnel, rotary breaker belt, plant feed belt, clean coal belt, raw coal stacker, clean coal stacker, train and truck load out belt, loadout tunnel, shop area and surface equipment.

Findings/Law Violated:

1. Coal fines at #101 wash pump area need cleaned. 30cfr77.202
2. Scalping screen deck of slope belt needs walkway cleared on north side. 30cfr77.205(b)
3. 2<sup>nd</sup> deck of # 101 belt by hopper needs blocked off to prevent travel underneath slope belt head until structure above is cleaned. 30cfr77.205 (a)
4. Belt structure at head of #101 slope belt needs debris cleaned from structure so it will not fall to the 2<sup>nd</sup> deck walkway. 30cfr77.200
5. Raw coal tunnel #1 and #2 feeder areas need coal accumulations cleaned. 30cfr77.202
6. Rotary breaker building from head to bottom needs coal and coal dust cleaned. 30cfr77.200
7. All decks on the #101 belt need walkways cleared of debris. 30cfr77.205(b)

Corrective action taken: Accumulations at #1 and #2 feeders in the raw coal tunnel were cleaned. All other citations were noted by management and corrective action was initiated.

Recommendations: All switches on surface be checked for identification tags and those that have them be sure they are legible.

Inspection date: 09/13/2011

Areas Inspected: Unit #4, Secondary and primary escape ways from Unit #4 to bottom and bottom to Unit #4.

Findings/Law Violated:

1. At #247 and #261 crosscut on the 5<sup>th</sup> west secondary escape way between the haul road and belt line, high line needs guarded. 30cfr75.807
2. At #5 crosscut in Unit #4 between #3 and #4 entry high line needs guarded where lifeline goes to refuge chamber. 30cfr75.807
3. Primary escape way Unit #4 at #2 crosscut 6North needs added roof support at intersection east and west corners. 30cfr75.211 ©
4. From # 261 to #354 crosscuts in primary escape way intersections need checked for added roof support where rib rashing has occurred. 30cfr75.211 ©
5. Directional arrow needs hung in primary escape way at 5<sup>th</sup> west and 6 north junction. 30cfr75.380 (d) 1
6. Unit #4 at #5 crosscut coal hauler needs moved blocking crosscut to refuge chamber. 30cfr75.380 (d) 1

Corrective action taken: Management noted all citations and corrective action was initiated.

**OAKTOWN FUELS # 1 MINE**

Inspection date: 07/12/2011 1<sup>st</sup> shift

Areas Inspected: Raw coal stacker belt, raw coal stacker head house, Raw coal tunnel, raw coal tunnel belt, #1 rotary breaker belt, #2 Rotary breaker belt, #1 prep plant, #2 prep plant, #1 plant feed belt, #2 plant feed belt, clean coal belt, load out tunnel, sampler house, and shop area.

Findings/Law Violated:

1. Raw coal head house needs cleaned. 30cfr77.202
2. Water hose in raw coal head house needs removed from walkway. 30cfr77.205.
3. Raw coal tunnel feeders A thru D need id tags. 30cfr77.507
4. Classified cyclone in plant #2 needs id tag. 30cfr77.507
5. Ladder for crane hoist in plant #2 beside classified cyclone needs foot mount bolts tightened.

Corrective action taken: Feeders in raw coal tunnel and classified cyclone were having id tags attached. Management was notified of other citations and corrective action was initiated.

Recommendations: Equipment that is used and has to be chocked or blocked against movement, carry chocks with them. Service trucks also, so they have them available while servicing equipment.

## **PROSPERITY MINE, FIVE STAR COAL COMPANY**

Inspection date: 07/07/2011 1<sup>st</sup> shift

Areas Inspected: #1 raw coal belt, #2 raw coal belt, plant feed belt, clean coal belt, raw coal tunnel, load out tunnel, shop areas, preparation plant, and surface equipment.

### Findings/Law Violated:

1. Need fire extinguisher at transformer at bath house entrance. 30cfr77.1109 (d)
2. Switches at fuel storage tanks need id tags. 30cfr77.502
3. At the head of the #1 raw coal stacker belt the jog switch and up/down switch need id tags. 30cfr77.502
4. The #1 and #2 raw coal belt walkways and belt structure need cleaned. 30cfr77.205(b)
5. Oxygen cylinders at the storage bin for compressed cylinders were not secured. 30cfr77.208 (d)

### Corrective action taken:

1. Fire extinguisher was placed at the transformer at bathhouse entrance.
2. Oxygen cylinders were secured.

All other citations were noted by management and corrective action was initiated.

Recommendations: The aerosol cans used in the shop areas be kept in a central location and not placed where they can be ruptured. Also talked to the maintenance on the safety of making sure equipment worked on is blocked and stopped from going in to motion.

## **FREELANDVILLE WEST MINE, TRIAD COAL COMPANY**

(On line 8/17/2010)

Inspection date(s): 07/26/2011 1<sup>st</sup> shift

Areas Inspected: Unit #1, Unit #1 belt line, Secondary Escape way from Unit # 1 to bottom.

### Findings/Law Violated:

At the last open cross cut in entry #3 intersection a cable bolt was cut out during the mining cycle and was not replaced with a cable bolt according to the supplemental roof control plan at the mine. 30cfr75.220 (a) 1

### Corrective action taken:

1. A cable bolt was replaced.

Recommendations: Cross cuts that have material of equipment in them be flagged .

**\*\*As of 01/01/2010 Peabody Coal Company, Air Quality Wheatland Preparation Plant, is no longer active, so inspections are no longer required.\*\***